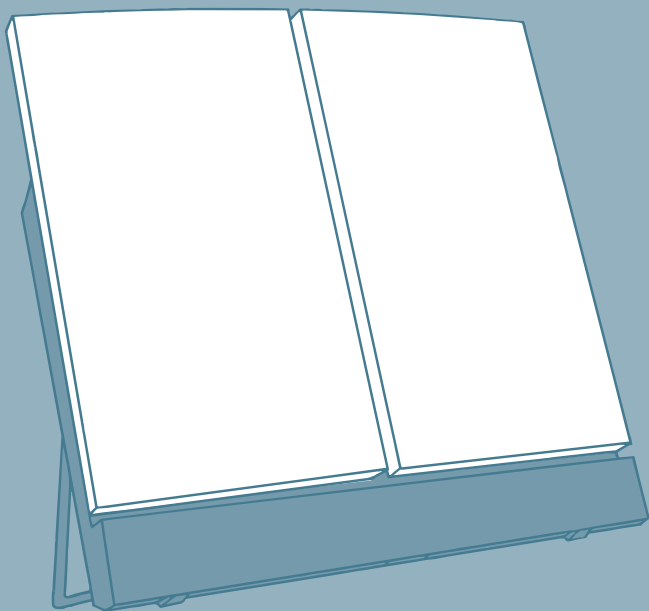


# EXPLORER™ 500

## GETTING STARTED



bgan | inmarsat 

# Thrane & Thrane



## GETTING STARTED

Congratulations on the purchase of your EXPLORER™ 500.

Before you start, please check that the following items are present:

- EXPLORER™ 500 terminal with built-in antenna
- Battery
- AC/DC adapter
- LAN cable
- USB cable
- Getting Started kit including Quick Guide, electronic manual, etc.

### 1 Insert the SIM card (provided by your Airtime Provider)

- a. Insert the SIM card into the SIM slot and press gently until it snaps.
- b. Slide the lock to secure the SIM card.



### 2 Insert the battery

Insert the battery and press gently until it locks.

NOTE: You can use the battery as power source, or connect the DC input to one of the following power sources:

- 100-240 V Mains using the AC/DC adapter
- 12 V DC in a car using the car charger cable available from Thrane & Thrane

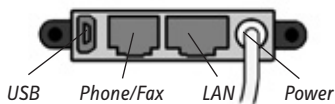


For further information, refer to the User Manual.

### 3 Connect the cables

Connect the cables to the relevant connectors on the EXPLORER™ 500.

The connector panel is located on the side of the EXPLORER™ 500.



Two connectors are placed at the back of the EXPLORER™ 500:

External antenna connector, marked ANT, and Bluetooth phone charging connector, marked DC OUT.

### 4 Switch on the EXPLORER™ 500

Push the power button next to the display and hold it for a second until the green power indicator lights up.

### 5 Enter the PIN code

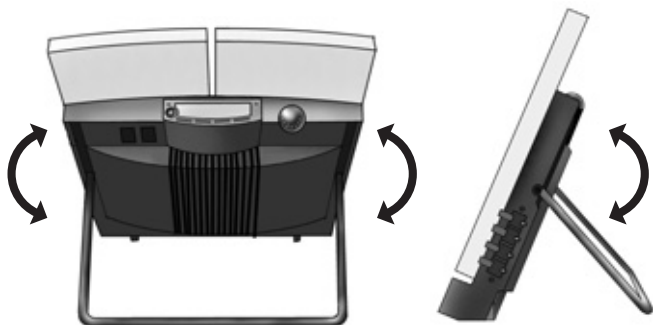
- When you are asked for a PIN code, press **OK**.
- Press ▼ or ▲ number of times until the first digit is correct.
- Press **OK** to go to the next digit.  
The previous digit is indicated by a \*.
- After pressing **OK** to enter the last digit, press **OK** again to apply the PIN code.
- If you want to turn off the pointing sound, press ▼ or ▲ .



### 6 Point the antenna

**Important!** To obtain optimum bandwidth and operating time, adjust the position of the antenna with great precision. Do not adjust the antenna position until all cables are connected and the PIN entered.

- a. Using the built-in compass of the EXPLORER™ 500 as reference, rotate and tilt the antenna so that it points in the approximate direction of the BGAN satellite.



- b. Use the displayed signal strength and the pointing sound to find the highest possible signal strength, while slowly rotating and tilting the EXPLORER™ 500.

- c. Press **OK** when you have obtained the highest possible signal strength.



The EXPLORER™ 500 now starts to establish a connection to the BGAN network.

The display shows the progress as follows:

- **SEARCHING:** The EXPLORER™ 500 searches for the network operator. Note that the search procedure can be very short, so you may not see this text.
- **REGISTERING:** When the network operator is found, the display shows REGISTERING to show that the EXPLORER™ 500 is registering itself on the network.
- **READY:** The EXPLORER™ 500 is registered on the network.

You are now ready to make phone or fax calls, browse the Internet or check your e-mails, send files, run a video conference and much more.

## **MAKING A CALL FROM THE EXPLORER™ 500**

If you are using a Bluetooth handset, the handset must be paired and placed close to the EXPLORER™ 500. For information on pairing, see the section BLUETOOTH PAIRING at the end of this document.

To make a call from the EXPLORER™ 500, dial

**00 <country code> <phone number>** followed by # or off-hook key.

Example: To call Thrane & Thrane in Denmark: (+45 39 558800), dial 00 45 39 558800 followed by # or off-hook key.

NOTE: There are two audio qualities: Standard voice and 3.1 kHz audio.

To force the call to use Standard voice, dial **1 \*** before the number. To force the call to use 3.1 kHz Audio, dial **2 \*** before the number.

## **MAKING A CALL TO THE EXPLORER™ 500**

To make a call to the EXPLORER™ 500, dial

**+870 <mobile number>**

- + is 00 for Europe and many other countries.
- To see your mobile numbers, use the display menu system and select **PROPERTIES > MOBILE NUMBERS**.

NOTE: There are two voice numbers, one for 3.1 kHz Audio and one for Standard voice.

## CHOOSING AN INTERFACE FOR DATA CONNECTION

The EXPLORER™ 500 has three types of interface for data connection: LAN interface, USB interface and Bluetooth interface.

The following table shows some characteristics of each interface, to help you choose the right interface for your application.

<b>Interface</b>	<b>Power Consumption</b>	<b>Amount of Setup</b>	<b>Range</b>
LAN	High	None (or very little)	Up to 100 m of cable
USB	Low	Some setup necessary	Up to 5 m of cable
Bluetooth	Medium	Can be complicated, depending on operating system.	Wireless connection. Up to 100 m depending on the transmitter in the computer and on the transmission conditions.

## MAKING A LAN CONNECTION

To make a LAN connection, simply connect the LAN cable between your computer and the LAN connector on the EXPLORER™ 500, and start up the EXPLORER™ 500 as described in the beginning of this document.

As soon as the display of the EXPLORER™ 500 shows READY, the connection is established automatically.

You are now ready to browse the Internet, check e-mails, send files etc.

**NOTE:** For information on configuration, refer to the User Manual.

## MAKING A USB CONNECTION

To make a USB connection, do as follows:

NOTE: If it is the first time you connect to the terminal using USB, you have to install a driver first. Insert the Thrane & Thrane CD ROM provided with your EXPLORER™ 500 and install the EXPLORER™ 500 USB driver.

1. Connect the USB cable between your computer and the EXPLORER™ 500.  
Note that the connector on the EXPLORER™ 500 is a USB Mini-B connector.
2. Start up the EXPLORER™ 500 as described in the beginning of this document.
3. Create a dial-up connection.

In Windows XP, a dial-up connection is created as follows:

- a. Select **Connect To** from the **Start** menu.
  - b. Select **Show All Connections** and open the **New Connection Wizard**.
  - c. Go through the Wizard. When you are asked for a phone number, type:  
\* **98 #** for an Internet connection, or \* **99 #** for a connection to the web interface.
  - d. When you have finished, close the New Connection Wizard.
4. To connect to the Internet or to the web interface, open the dial-up connection.

You are now ready to browse the Internet, check e-mails, send files etc.

## MAKING A BLUETOOTH DATA CONNECTION

To make a Bluetooth connection, place the computer close to the EXPLORER™ 500 and start up the EXPLORER™ 500 as described in the beginning of this document.

If the computer is already paired with the EXPLORER™ 500, the connection is established automatically when both devices are ready and have discovered each other. Note, however, that if your Bluetooth connection is defined as a dial-up connection, you have to open the dial-up connection to activate the connection.

You are now ready to browse the Internet, check e-mails, send files etc.

NOTE: For information on configuration, refer to the User Manual. For information on Bluetooth pairing, refer to the next section.



## BLUETOOTH PAIRING

NOTE: This section only describes how to pair devices in which you can enter a passkey. For information on devices in which you cannot enter a passkey, such as headsets, refer to the User Manual.

To pair a Bluetooth device, do as follows:

1. Start up the EXPLORER™ 500 as described in the beginning of this document.
2. Place your Bluetooth device close to the EXPLORER™ 500.
3. On your Bluetooth device, search for new devices and select the EXPLORER™ 500 when it is found.

The default Bluetooth name of the EXPLORER™ 500 is EXPLORER 500.

If there is more than one EXPLORER™ 500 in the list, you can use the MAC address to locate the correct one. To see the MAC address of your EXPLORER™ 500, enter the display menu system and select

**PROPERTIES > TERMINAL > HARDWARE > MAC ADDRESS.**

4. On your Bluetooth device, enter the passkey of your EXPLORER™ 500.

The default passkey is the serial number of your EXPLORER™ 500.

To see the serial number, look at the label on the back of the EXPLORER™ 500 or enter the display menu system and select

**PROPERTIES > TERMINAL > HARDWARE > UNIT SER. NO.**

The new Bluetooth device is now paired and ready to communicate with the EXPLORER™ 500.

NOTE: Maximum 7 devices can be paired with the EXPLORER™ 500. If you have already paired 7 devices you have to unpair a device before you can pair a new one. For information on how to unpair devices, refer to the User Manual.

## **ACCESSING THE WEB INTERFACE**

To access the web interface, do as follows:

1. Connect a PC to the EXPLORER™ 500.
2. Start your Internet browser.
3. Enter the IP address of the web interface.

The default IP address is 192.168.0.1.

To see the IP address in the menu system, select

**PROPERTIES>TERMINAL> IP ADDRESS.**

The web interface now opens in your browser. For information on how to use the web interface, refer to the User Manual.



open **smart**

Throne & Throne

